



JFV

DAC

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Patrizio Vinciarelli et al.

Art Unit : 2836

Serial No. : 09/841,471

Examiner : Boris Benenson

Filed : April 24, 2001

Title : COMPONENTS HAVING ACTIVELY CONTROLLED CIRCUIT ELEMENTS

MAIL STOP PETITIONS

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

PETITION TO WITHDRAW ABANDONMENT AND
PETITION TO REVIVE UNINTENTIONALLY ABANDONED APPLICATION

This petition is being filed in response to the September 2, 2005 Notice of Abandonment. Applicants hereby petition under 37 CFR §§ 1.181, 182, 183 to withdraw the holding of abandonment. A check for the \$400.00 petition fee required by 37 CFR §§ 1.17(f) is enclosed.

In the alternative, applicants petition under 37 CFR §1.137(b) to revive the above application for unintentional abandonment and request that the remaining balance (\$1100.00) for the \$1500.00 petition fee required by 37 CFR §§ 1.17(m) be charged to Deposit Account No. 06-1050, reference 00614-120001.

The September 2, 2005, Notice of Abandonment advises that the present application was abandoned because the issue fee was not paid by the November 23, 2004 deadline. The undersigned, applicant's attorney of record, first became aware of the abandonment on September 7, 2005, upon receipt of the September 2, 2005, Notice of Abandonment. This petition is timely as being submitted within two months of the September 2, 2005, Notice of Abandonment as required by 37 CFR §1.181(f).

09/26/2005 EFLORES 00000012 09841471

01 FC:1462

400.00 DP

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

September 20, 2005
Date of Deposit
Signature *Lesley J. Arcidy*
Lesley J. Arcidy
Typed or Printed Name of Person Signing Certificate

Exhibits.

The following documents are submitted herewith in support of the petition.

1. Notice of Abandonment (September 2, 2005).
2. Response to **Second** Notice of Allowance (mailed September 20, 2004).
3. Checklist for **Second** Response (completed September 20, 2004).
4. Return Receipt Postcard bearing September 22, 2004 USPTO stamp.
5. **Second** Notice of Allowance (mailed August 23, 2004).
6. Decision Granting Petition (mailed July 26, 2004).
7. Petition to Withdraw From Issuance (mailed July 14, 2004).
8. Completed PTOL -85B showing the Issue Fee was paid (mailed May 27, 2004).
9. Response to **First** Notice of Allowance (mailed May 27, 2004).
10. Checklist for **First** Response (completed May 27, 2004).
11. Return Receipt Postcard bearing June 1, 2004 USPTO stamp.
12. **First** Notice of Allowance (mailed April 7, 2004).

Procedural History

This application was first allowed in April, 2004. (Ex. 12: First Notice of Allowance). Applicants filed a timely response to the First Notice of Allowance on May 27, 2004 including a \$1660.00 check, a two page Response to Notice Of Allowance (Ex. 9), and the completed Issue Fee Transmittal (Part B) with Request for Patent Copies, PTOL-85B (Ex. 8) as shown by the return receipt postcard bearing the USPTO stamp (Ex. 11). Shortly afterward, Applicants filed a Petition to Withdraw From Issuance (Ex. 7) with a Request for Continued Examination and an IDS. The Petition was granted on July 26, 2004 (Ex. 6) and the application was immediately allowed again (Ex. 5: Second Notice of Allowance). Applicants filed a Response to Second Notice of Allowance on September 20, 2004 (Ex. 2) which included applicants comments on reasons for allowance and an authorization to charge a deposit account with any additional fees or credits. The Response to Second Notice of Allowance apparently did not include the completed PTOL-85B (Fee Transmittal) form. The Notice of Abandonment (Ex. 1) was then

received prompting an investigation and leading to discovery of the error by the undersigned attorney.

Statement of Facts

1. The issue fee was paid on May 27, 2004. The first PTOL-85B (Ex. 8) bears the USPTO fee receipt dated 6-2-04. The Decision on Petition states that Applicants may request application of the previously paid issue fee to a new notice of allowance. (Ex. 6) The Second Notice of Allowance (Ex. 5) states that no issue fee or publication fee is due.

2. Applicants' representatives intended to file a complete and timely response to the Second Notice of Allowance. Applicants' representatives filed a Response to Second Notice of Allowance within one month after the Second Notice of Allowance. (Ex. 2) Applicants' response included comments on the reasons for allowance. (Ex. 2) Applicants' representatives included an authorization to charge a deposit account with any additional fees or credits. Applicants' representatives sent a return receipt postcard. (Ex. 4) It is a standard practice of Applicants' representatives to prepare and complete an internal checklist at the time a response is filed to help ensure that each response is complete and timely. (See Ex. 3, 10) The internal checklist prepared at the time the Second Response was filed indicates that a complete response was intended. (Ex. 3) All of these actions evidence a clear intent to file a complete and timely response calculated to result in maturation of the present application into an issued U.S. patent.

3. A completed form PTOL-85B was not submitted with the Response to the Second Notice of Allowance through error. The internal checklist for the Second Response (Ex. 3) includes in the third section an item entitled "NOA" which includes three check boxes for the PTOL-85B. As shown, the three boxes are marked with the notation "N/A" clearly showing a mistaken belief that the completed form PTOL-85B was unnecessary for responding to the Notice of Allowance. (Ex. 3) The undersigned attorney believes that the mistake occurred because the Second Notice of Allowance indicated no issue fee was due and a form PTOL-85B (Ex. 8) had been previously submitted in response to the First Notice of Allowance (Ex. 12).

Petition under 37 CFR §§ 1.182, 1.183.

The patent statute 35 U.S.C. § 151 requires that the sum specified by the notice of allowance be paid within three months of the notice. The Second Notice of Allowance (Ex. 5) indicates that no issue or publication fees were due. Applicants response therefore does not run afoul of 35 U.S.C. § 151.

The abandonment of the present application apparently stems from the failure to submit a second completed PTOL-85B. The undersigned attorney is unaware of any statute or rule explicitly requiring a form PTOL-85B for acceptance of the issue and publication fees. The present situation in which the issue fee was paid but the PTOL-85B was not returned is not specifically provided for in the rules making relief by petition under 37 CFR § 1.182 appropriate. In the event that one or more rules do apply to this situation, the requested relief may alternatively be granted by petition to suspend the rules under 37 CFR § 183.

Applicants therefore request withdrawal of the holding of abandonment and issuance of the above application in view of the special circumstances of the present case where the issue fee was paid and applicants established a clear intent to fully and timely respond to the August 23, 2004 Notice of Allowance.

Petition under 37 CFR § 1.137.

Applicants alternatively petition for revival of the present application as unintentionally abandoned under 37 CFR § 1.137 in the event that the requested relief is not granted under 37 CFR §§ 1.181 and 1.182 or 1.183. A completed copy of the PTOL-85B (Fee Transmittal) from the Second Notice of Allowance is being submitted herewith as the proposed response under 37 CFR § 1.137(b)(1) to completely respond to the August 23, 2004 Notice of Allowance. Please charge the remaining balance of \$1,100.00 (\$1,500.00 less \$400.00 check enclosed) for the petition fee required by 37 CFR §§ 1.17(m) to Deposit Account No. 06-1050, reference 00614-120001. Applicants submit that the entire period of delay was unintentional. The present application was filed April 24, 2001, therefore, no terminal disclaimer is required under 37 CFR § 1.137(d).

The Office is requested to contact the undersigned attorney with any questions concerning this petition or application.

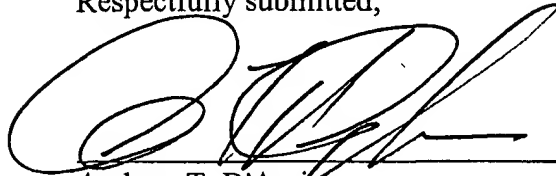
Applicant : Patrizio Vinciarelli et al.
Serial No. : 09/841,471
Filed : April 24, 2001
Page : 5 of 5

Attorney's Docket No.: 00614-120001

Please apply any other charges or credits to Deposit Account No. 06-1050, referencing
00614-120001.

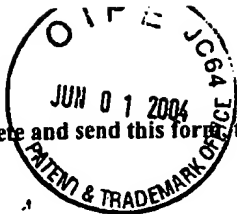
Respectfully submitted,

Date: Sept. 20, 2005

A large, stylized handwritten signature in black ink, appearing to read 'A. T. D'Amico', is written over a horizontal line.

Andrew T. D'Amico
Reg. No. 33,375

Fish & Richardson P.C.
Citigroup Center
153 East 53rd Street, 52nd Floor
New York, NY 10022-4611
Telephone: (212) 765-5070
Facsimile: (212) 258-2291



PART B - FEE(S) TRANSMITTAL

Complete and send this form together with applicable fee(s), to: MailMail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450
or Fax (703) 746-4000

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 4 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Legibly mark-up with any corrections or use Block 1)

26161

7590

04/07/2004

FISH & RICHARDSON P.C.
225 FRANKLIN STREET
BOSTON, MA 02110-2804

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO, on the date indicated below.

Christine Powers	(Depositor's name)
	(Signature)
05/27/2004	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/841,471	04/24/2001	Patrizio Vinciarelli	00614-120001	4503

TITLE OF INVENTION: COMPONENTS HAVING ACTIVELY CONTROLLED CIRCUIT ELEMENTS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$300	\$1630	07/07/2004

EXAMINER	ART UNIT	CLASS-SUBCLASS
BENENSON, BORIS	2836	

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1. Fish & Richardson P.C.

2.

3.

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. Inclusion of assignee data is only appropriate when an assignment has been previously submitted to the USPTO or is being submitted under separate cover. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE (CITY and STATE OR COUNTRY)

VLT Corporation

San Antonio, Texas

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ individual ☒ corporation or other private group entity ☐ government

4a. The following fee(s) are enclosed:

☒ Issue Fee☒ Publication Fee☒ Advance Order - # of Copies 10

4b. Payment of Fee(s):

☒ A check in the amount of the fee(s) is enclosed.☐ Payment by credit card. Form PTO-2038 is attached.☒ The Director is hereby authorized to charge the required fee(s), or credit any overpayment, to Deposit Account Number 06-1050 (enclose an extra copy of this form).

Director of Patents is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.

(Authorized Signature)

Stephen L. Romine
43,056

(Date) May 26, 2004

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

06/02/2004 CNGUYEN1 00000130 09841471

01 FC:1501

1330.00 OP

02 FC:1504

300.00 OP

03 FC:8001

30.00 OP

TRANSMIT THIS FORM WITH FEE(S)



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

SEP 29 2005

PATENT & TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/841,471	04/24/2001	Patrizio Vinciarelli	00614-120001	4503

26161 7590 09/02/2005

FISH & RICHARDSON PC
P.O. BOX 1022
MINNEAPOLIS, MN 55440-1022

EXAMINER

BENENSON, BORIS

ART UNIT

PAPER NUMBER

2836

DATE MAILED: 09/02/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Notice of Abandonment

Application No.

09/841,471

Examiner

Benenson

Applicant(s)

Vinciarelli

Art Unit

2836

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

This application is abandoned in view of:

1. ☐ Applicant's failure to timely file a proper reply to the Office letter mailed on _____.
 - (a) ☐ A reply was received on _____ (with a Certificate of Mailing or Transmission dated _____), which is after the expiration of the period for reply (including a total extension of time of _____ month(s)) which expired on _____.
 - (b) ☐ A proposed reply was received on _____, but it does not constitute a proper reply under 37 CFR 1.113 (a) to the final rejection.
(A proper reply under 37 CFR 1.113 to a final rejection consists only of: (1) a timely filed amendment which places the application in condition for allowance; (2) a timely filed Notice of Appeal (with appeal fee); or (3) a timely filed Request for Continued Examination (RCE) in compliance with 37 CFR 1.114).
 - (c) ☐ A reply was received on _____ but it does not constitute a proper reply, or a bona fide attempt at a proper reply, to the non-final rejection. See 37 CFR 1.85(a) and 1.111. (See explanation in box 7 below).
 - (d) ☐ No reply has been received.
2. ☒ Applicant's failure to timely pay the required issue fee and publication fee, if applicable, within the statutory period of three months from the mailing date of the Notice of Allowance (PTOL-85).
 - (a) ☐ The issue fee and publication fee, if applicable, was received on _____ (with a Certificate of Mailing or Transmission dated _____), which is after the expiration of the statutory period for payment of the issue fee (and publication fee) set in the Notice of Allowance (PTOL-85).
 - (b) ☐ The submitted fee of \$_____ is insufficient. A balance of \$_____ is due.
The issue fee required by 37 CFR 1.18 is \$_____. The publication fee, if required by 37 CFR 1.18(d), is \$_____.
 - (c) ☒ The issue fee and publication fee, if applicable, has not been received.
3. ☐ Applicant's failure to timely file corrected drawings as required by, and within the three-month period set in, the Notice of Allowability (PTO-37).
 - (a) ☐ Proposed corrected drawings were received on _____ (with a Certificate of Mailing or Transmission dated _____), which is after the expiration of the period for reply.
 - (b) ☐ No corrected drawings have been received.
4. ☐ The letter of express abandonment which is signed by the attorney or agent of record, the assignee of the entire interest, or all of the applicants.
5. ☐ The letter of express abandonment which is signed by an attorney or agent (acting in a representative capacity under 37 CFR 1.34(a)) upon the filing of a continuing application.
6. ☐ The decision by the Board of Patent Appeals and Interference rendered on _____ and because the period for seeking court review of the decision has expired and there are no allowed claims.
7. ☐ The reason(s) below:

ljw

Petitions to revive under 37 CFR 1.137(a) or (b), or requests to withdraw the holding of abandonment under 37 CFR 1.181, should be promptly filed to minimize any negative effects on patent term.



Attachment to Notice of Abandonment

**For questions concerning the notice contact
Office of Patent Publication
Image Assistance Center: 888-786-0101.**

Information is also available on the USPTO Internet web site:
<http://www.uspto.gov/web/patents/pubs/abandonnotice.html>

Respond to the Notice of Abandonment by one of the following:

1. Petition To Withdraw Holding of Abandonment (See MPEP 711.03(c) I and 37 CFR § 1.181) No fee required

Where an applicant contends that the application is not in fact abandoned (e.g., a reply was in fact filed), a petition under 37 CFR § 1.181(a) requesting withdrawal of the holding of abandonment is the appropriate course of action. Any petition under 37 CFR § 1.181 to withdraw the holding of abandonment not filed within 2 months of the mail date of a Notice of Abandonment may be dismissed as untimely under 37 CFR § 1.181(f). In order for a petition to be granted, the evidence must be sufficient according to 37 CFR § 1.8(b) Certificate of Mailing 37 CFR § 1.10 "Express Mail" mailing or MPEP 503 Postcard Receipt as Prima Facie Evidence. The petition should be addressed as follows:

By mail: Mail Stop: Issue Fee, Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450

By facsimile: 703-872-9306

2. Petition To Withdraw Holding Of Abandonment Based On Failure To Receive Office Action (MPEP 711.03(c) II and 37 CFR § 1.181). No fee required

Where an applicant contends that the original Notice of Allowance and Fee(s) Due was never received, if adequately supported, the Office may grant the petition and remail the Office action. The showing required establishing non-receipt of an Office communication must include a statement from the practitioner stating that the Office communication was not received and attesting to the fact that a search of the file jacket and docket records indicates that the Office communication was not received. A copy of the docket record where the nonreceived Office would have been entered had it been received and docketed must be attached to and referenced in practitioner's statement.

Petition should be addressed to the Technology Center handling the application as follows:

By mail: Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450

By facsimile: 703-872-9306

3. Petition To Revive An Abandoned Application (See MPEP 711.03(c) III)

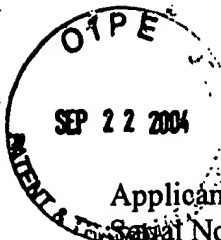
Where there is no dispute as to whether an application is abandoned (e.g., the applicant's contentions merely involve the cause of abandonment) a petition under 37 CFR § 1.137 (a) or (b) (accompanied by the appropriate petition fee) is necessary to revive the abandoned application. The text of these rules is available on the USPTO Internet Web site. Forms for these petitions, "Petition For Revival Of An Application For Patent Abandoned Unavoidably Under 37 CFR § 1.137(a)," PTO/SB/61, and "Petition For Revival Of An Application For Patent Abandoned Unintentionally Under 37 CFR 1.137(b)," PTO/SB/64, are available in the forms section of the USPTO website: <http://www.uspto.gov>.

Petitions under 37 CFR § 1.137 should be addressed to the Office of Petitions as follows:

By mail: Mail Stop Petition, Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450

By facsimile: 703-872-9306

Note: Abandonment takes place by operation of law for failure to reply to an Office action or timely pay the issue fee, not by operation of the mailing of a Notice of Abandonment



B:
Hw

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Patrizio Vinciarelli et al.

Art Unit : 2836

Serial No. : 09/841,471

Examiner : Boris Benenson

Filed : April 24, 2001

Confirmation No.: 4503

Notice of Allowance Date: August 23, 2004

Title : COMPONENTS HAVING ACTIVELY CONTROLLED CIRCUIT ELEMENTS

MAIL STOP ISSUE FEE

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

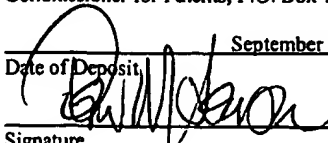
RESPONSE TO NOTICE OF ALLOWANCE

Comments on Statement of Reasons for Allowance

Applicant agrees that the limitations recited in the examiner's Reasons for Allowance are not taught or suggested by the art of record, and that the allowed independent claims are distinguished from the cited prior art for at least the reasons stated in the Reasons for Allowance, which are sufficient for allowance of all claims. Applicant does not concede that the stated reasons are the only grounds for patentability of the allowed claims, that the limitations excluded from the Reasons for Allowance are taught or suggested by the art of record, or that all of the limitations are necessary for patentability of the allowed claims or other claims directed to the disclosed subject matter.

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date of Deposit: September 20, 2004
Signature: 
Typed or Printed Name of Person Signing Certificate: Toni M. Sousa


* Applicant : Patrizio Vinciarelli et al.
Serial No. : 09/841,471
Filed : April 24, 2001
Page : 2 of 2

Attorney's Docket No.: 00614-120001

Please apply any charges or credits to our Deposit Account No. 06-1050, referencing
Attorney Docket No. 00614-120001.

Respectfully submitted,

Date: 9/20/04



Stephen L. Romine
Reg. No. 43,056

Fish & Richardson P.C.
225 Franklin Street
Boston, MA 02110-2804
Telephone: (617) 542-5070
Facsimile: (617) 542-8906

20935568.doc

Client/Matter Number: 00614-120001

Client/Matter Name: FET Integration with Protection

Yes	No	Attorney/Agent Special Check Items	If you check "Yes" to either question, there is likely an effect on foreign filing options
<input type="radio"/>	<input type="radio"/>	Related Applications	(1) Any CIP, continuation, or divisional cases have been or will be filed before the estimated issue date & (2) a conservative deadline for filing has been docketed.
<input type="radio"/>	<input type="radio"/>	Foreign Counterparts	(1) Have Been/Will Be FILED & (2) changes to foreign applications to conform to U.S. application as issued have been sent to the foreign associate(s).

Checked By: _____

Handling Attorney/Agent ☐ The handling Attorney/Agent **MUST** review the file and **PERSONALLY INITIAL** for each item!

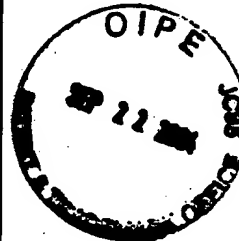
Sec	Att	PS	Check Items
PRE-FILING DETERMINATIONS			
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Timing Notice has been checked to confirm the due date was docketed correctly & is satisfied by this Response
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Assignment (1) assignment to the proper entity has been recorded & (2) the recorded document and reel/frame number has been received from the PTO
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	IDS' Considered <input checked="" type="radio"/> All previously filed IDS' have been considered by the Examiner and all PTO Forms 1449 have been returned with each item of art initialed. <input checked="" type="radio"/> If not, a petition to withdraw from issue and an FWC application with a request for consideration and return of all Forms 1449 are being filed.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Priority <input checked="" type="radio"/> NOT ELIGIBLE <input type="radio"/> Priority claim to benefit of filing date of an earlier filed U.S. or foreign application has been acknowledged
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Small Entity Status <input type="radio"/> Entitled <input checked="" type="radio"/> Not Entitled Determination of whether small entity standing must be made at time of paying the issue fee. If uncertain, info must be obtained from client or large fee must be paid.
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		Formal Drawings <input checked="" type="radio"/> Previously filed <input type="radio"/> Being filed with issue fee <input type="radio"/> Requested from draftsman
REQUIRED FILING ENCLOSURES			
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Caption (1) serial number, & (2) filing date have been checked for accuracy against information in the file.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Postcard (1) billing attorney' initials, & (2) list of all papers being sent and the pages of each.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	NOA Response (1) identifies mailing date of Notice, (2) lists all items being submitted, & (3) includes standard charges/credits statement, PLUS: <input checked="" type="checkbox"/> Part B: Part B of the PTO's copy of the Notice of Allowance is complete and correct <input checked="" type="checkbox"/> Firm Name: "Fish & Richardson P.C." is named as the firm to be printed on the patent <input checked="" type="checkbox"/> Change in Small Entity Status: If now a large entity, a large entity issue fee is being paid and the Response indicates the change in status
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Issue fee <input type="radio"/> CHECK <input type="radio"/> DEPOSIT ACCOUNT CHARGE, indicated on completed Part C of Notice of Allowance
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Mail Certificate (1) includes 1st Class mail certificate, & (2) is signed and dated
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Envelope Preprinted envelope or label is used, addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 MAIL STOP ISSUE FEE
TASKS AFTER ATTORNEY/AGENT CHECK			
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		File copies (1) are complete & (2) include all signatures and dates
<input checked="" type="checkbox"/>	<input type="checkbox"/>		Manual Docket Billing secretary's manual docket entry is updated
<input checked="" type="checkbox"/>			Database Update Copy of postcard sent to Patent Services
<input checked="" type="checkbox"/>			Folder Update File copy, tab, and updated table of contents are filed in prosecution folder

Checked By: _____

Secretary _____ Attorney/Agent _____ Practice Systems _____ Date 9/20/04



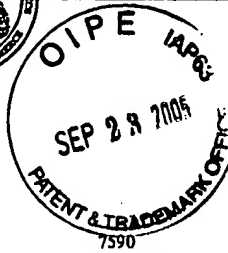
Attorney's Docket No. 00614-120001	Express Mail Label No.	Mailing Date September 20, 2004	<i>For PTO Use Only</i> <i>Do Not Mark in This Area</i>
Application No. 09/841,471	Filing Date April 24, 2001	Attorney/Secretary Init. DLE/SLR/tms	
Title of the Invention COMPONENTS HAVING ACTIVELY CONTROLLED CIRCUIT ELEMENTS			
Applicant Patrizio Vinciarelli et al.			
Enclosures Response to Notice of Allowance (2 pages)			





UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov



NOTICE OF ALLOWANCE AND FEE(S) DUE

26161

7590

08/23/2004

FISH & RICHARDSON PC
225 FRANKLIN ST
BOSTON, MA 02110

EXAMINER

BENENSON, BORIS

ART UNIT

PAPER NUMBER

2836

DATE MAILED: 08/23/2004

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/841,471	04/24/2001	Patrizio Vinciarelli	00614-120001	4503

TITLE OF INVENTION: COMPONENTS HAVING ACTIVELY CONTROLLED CIRCUIT ELEMENTS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$0	\$0	\$0	11/23/2004

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHT THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPO PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THE STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee Transmittal and pay the PUBLICATION FEE (if required) and 1 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issued on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is the patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 or Fax (703) 746-4000

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address indicated unless corrected or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

26161 7590 08/23/2004

FISH & RICHARDSON PC
 225 FRANKLIN ST
 BOSTON, MA 02110

Note: A certificate of mailing can only be used for domestic mailings of Fee(s) Transmittal. This certificate cannot be used for any other accompany papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (703) 746-4000, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/841,471	04/24/2001	Patrizio Vinciarelli	00614-120001	4503

TITLE OF INVENTION: COMPONENTS HAVING ACTIVELY CONTROLLED CIRCUIT ELEMENTS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$0	\$0	\$0	11/23/2004

EXAMINER	ART UNIT	CLASS-SUBCLASS
BENENSON, BORIS	2836	361-058000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,

(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☐ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

- ☐ Issue Fee
☐ Publication Fee (No small entity discount permitted)
☐ Advance Order - # of Copies _____

4b. Payment of Fee(s):

- ☐ A check in the amount of the fee(s) is enclosed.
☐ Payment by credit card. Form PTO-2038 is attached.
☐ The Director is hereby authorized by charge the required fee(s), or credit any overpayment Deposit Account Number _____ (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature _____

Date _____

Typed or printed name _____

Registration No. _____

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 14 Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/841,471	04/24/2001	Patrizio Vinciarelli	00614-120001	4503
26161	7590	08/23/2004	EXAMINER	
FISH & RICHARDSON PC 225 FRANKLIN ST BOSTON, MA 02110			BENENSON, BORIS	
			ART UNIT	PAPER NUMBER
			2836	
DATE MAILED: 08/23/2004				

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b) (application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 376 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 376 day(s).

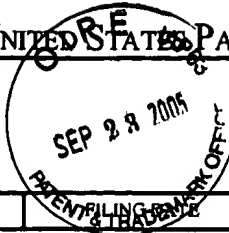
If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (<http://pair.uspto.gov>).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office Patent Legal Administration at (703) 305-1383. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.



UNITED STATES PATENT AND TRADEMARK OFFICE



UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO. 09/841,471	FILING DATE 04/24/2001	FIRST NAMED INVENTOR Patrizio Vinciarelli	ATTORNEY DOCKET NO. 00614-120001	CONFIRMATION NO. 4503
26161	7590	08/23/2004	EXAMINER BENENSON, BORIS	
FISH & RICHARDSON PC 225 FRANKLIN ST BOSTON, MA 02110			ART UNIT 2836	

DATE MAILED: 08/23/2004

Notice of Fee Increase on October 1, 2004

If a reply to a "Notice of Allowance and Fee(s) Due" is filed in the Office on or after October 1, 2004, then the amount due will be higher than that set forth in the "Notice of Allowance and Fee(s) Due" because an increase in fee effective on October 1, 2004 is anticipated. See Revision of Patent Fees for Fiscal Year 2005; Proposed Rule, 69 Fed. Reg. 25861, 25863, 25864 (May 10, 2004).

The current fee schedule is accessible from WEB site (<http://www.uspto.gov/main/howtofees.htm>).

If the fee paid is the amount shown on the "Notice of Allowance and Fee(s) Due" but not the correct amount in view of the fee increase, a "Notice of Pay Balance of Issue Fee" will be mailed to applicant. In order to avoid processing delays associated with mailing of a "Notice of Pay Balance of Issue Fee," if the response to the Notice of Allowance is to be filed on or after October 1, 2004 (or mailed with a certificate of mailing on or after October 1, 2004), the issue fee paid should be the fee that is required at the time the fee is paid. See Manual of Patent Examining Procedure (MPEP), Section 1306 (Eighth Edition, Rev. 2, May 2004). If the issue fee was previously paid, and the response to the "Notice of Allowance and Fee(s) Due" includes a request to apply a previously-paid issue fee to the issue fee now due, then the difference between the issue fee amount at the time the response is filed and the previously-paid issue fee should be paid. See MPEP Section 1308.01.

Effective October 1, 2004, 37 CFR 1.18 is proposed to be amended by revising paragraphs (a) through (c) to read as set forth below. As stated above, the final fee may be a different amount, and applicant should check the WEB site given above when paying the fee.

Section 1.18 Patent post allowance (including issue) fees.

- (a) Issue fee for issuing each original or reissue patent, except a design or plant patent:
 - By a small entity (Sec. 1.27(a))..... \$670.00
 - By other than a small entity..... \$1,340.00
- (b) Issue fee for issuing a design patent:
 - By a small entity (Sec. 1.27(a))..... \$245.00
 - By other than a small entity..... \$490.00
- (c) Issue fee for issuing a plant patent:
 - By a small entity (Sec. 1.27(a))..... \$325.00
 - By other than a small entity..... \$650.00

Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.



UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
www.uspto.gov

FISH & RICHARDSON PC
225 FRANKLIN STREET
BOSTON, MA 02110

COPY MAILED

JUL 26 2004

OFFICE OF PETITIONS

In re Application of
Patrizio Vinciarelli et al
Application No. 09/841,471
Filed: April 24, 2001
Attorney Docket No. 00614-120001

:
:
: **DECISION GRANTING PETITION**
: **UNDER 37 CFR 313(c)(2)**
:

This is a decision on the petition, filed July 16, 2004, under 37 CFR 1.313(c)(2) to withdraw the above-identified application from issue after payment of the issue fee.

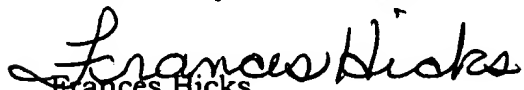
The petition is **GRANTED**.

The above-identified application is withdrawn from issue for consideration of a submission under 37 CFR 1.114 (request for continued examination). See 37 CFR 1.313(c)(2).

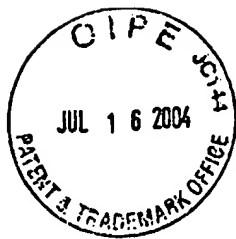
Petitioner is advised that the issue fee paid on June 1, 2004 in the above-identified application cannot be refunded. If, however, the above-identified application is again allowed, petitioner may request that it be applied towards the issue fee required by the new Notice of Allowance.¹

Telephone inquiries should be directed to the undersigned at (703) 305-8680.

This matter is being referred to Technology Center AU 2836 for processing of the request for continued examination under 37 CFR 1.114 and for consideration of the concurrently filed Information Disclosure Statement.


Frances Hicks
Petitions Examiner
Office of Petitions
Office of the Deputy Commissioner
for Patent Examination Policy

¹ The request to apply the issue fee to the new Notice may be satisfied by completing and returning the new Issue Fee Transmittal Form PTOL-85(b), which includes the following language thereon: "Commissioner for Patents is requested to apply the Issue Fee and Publication Fee (if any) or re-apply any previously paid issue fee to the application identified above." Petitioner is advised that, whether a fee is indicated as being due or not, the Issue Fee Transmittal Form **must** be completed and timely submitted to avoid abandonment. Note the language in bold text on the first page of the Notice of Allowance and Fee(s) Due (PTOL-85).



Attorney's Docket No.: 00614-120001

11/0 \$ 2836
RSC

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Patrizio Vinciarelli et al. Art Unit : 2836
Serial No. : 09/841,471 Examiner : Boris Benenson
Filed : April 24, 2001
Title : COMPONENTS HAVING ACTIVELY CONTROLLED CIRCUIT ELEMENTS

MAIL STOP 313(c)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

PETITION TO WITHDRAW


Applicants hereby petition under §1.313(c)(2) for the withdrawal of this application from issue to permit consideration of an Information Disclosure Statement being filed in a continuing application. The issue fee was paid on May 27, 2004.

A request for continued examination of this application under §1.114 is being filed simultaneously herewith. The request for continued examination is intended to continue this application on the grant of this petition.

Enclosed is a check for \$130 in payment of the petition fee required by 1.17(i). Please apply any other charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: 7/14/04


Stephen L. Romine
Reg. No. 43,056

Fish & Richardson P.C.
225 Franklin Street
Boston, MA 02110-2804
Telephone: (617) 542-5070
Facsimile: (617) 542-8906

20898305.doc

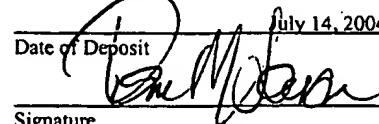
07/16/2004 KBETEMAI 00000054 09841471

01 FC:1460

130.00 OP

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date of Deposit July 14, 2004

Signature
Toni M. Sousa
Typed or Printed Name of Person Signing Certificate



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Patrizio Vinciarelli et al.

Serial No. : 09/841,471

Filed : April 24, 2001

Art Unit : 2836

Examiner : Boris Benenson

Confirmation No.: 4503

Notice of Allowance Date: April 7, 2004

Title : COMPONENTS HAVING ACTIVELY CONTROLLED CIRCUIT ELEMENTS

MAIL STOP ISSUE FEE

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

RESPONSE TO NOTICE OF ALLOWANCE

In response to the Notice of Allowance mailed April 7, 2004, enclosed are a completed issue fee transmittal form PTOL-85b and a check for \$1660 for the required issue fee and publication fee, including patent copies.

Comments on Statement of Reasons for Allowance

Applicant agrees that the limitations recited in the examiner's Reasons for Allowance are not taught or suggested by the art of record, and that the allowed independent claims are distinguished from the cited prior art for at least the reasons stated in the Reasons for Allowance, which are sufficient for allowance of all claims. Applicant does not concede that the stated reasons are the only grounds for patentability of the allowed claims, that the limitations excluded from the Reasons for Allowance are taught or suggested by the art of record, or that all of the limitations are necessary for patentability of the allowed claims or other claims directed to the disclosed subject matter.

Please apply any additional charges or credits to our Deposit Account No. 06-1050.

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

May 27, 2004

Date of Deposit

Signature

Christine Powers


Typed or Printed Name of Person Signing Certificate

Applicant : Patrizio Vinciarelli et al.
Serial No. : 09/841,471
Filed : April 24, 2001
Page : 2 of 2

Attorney's Docket No.: 00614-120001

Respectfully submitted,

Date: 5/27/04



Stephen L. Romine
Reg. No. 43,056

Fish & Richardson P.C.
225 Franklin Street
Boston, MA 02110-2804
Telephone: (617) 542-5070
Facsimile: (617) 542-8906

20869395.doc

Client/Matter Number: 00614-120001

Client/Matter Name: FET Integration with Protection

Yes	No	Attorney/Agent Special Check Items	If you check "Yes" to either question, there is likely an effect on foreign filing options
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Related Applications	(1) Any CIP, continuation, or divisional cases have been or will be filed before the estimated issue date & (2) a conservative deadline for filing has been docketed.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Foreign Counterparts	(1) Have Been/Will Be FILED & (2) changes to foreign applications to conform to U.S. application as issued have been sent to the foreign associate(s).
Checked By: <u>[Signature]</u> Handling Attorney/Agent <input type="checkbox"/> The handling Attorney/Agent MUST review the file and PERSONALLY INITIAL for each item!			

Sec	Att	PS	Check Items
PRE-FILING DETERMINATIONS			
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Timing Notice has been checked to confirm the due date was docketed correctly & is satisfied by this Response
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Assignment (1) assignment to the proper entity has been recorded & (2) the recorded document and reel/frame number has been received from the PTO
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	IDS' Considered <input checked="" type="checkbox"/> All previously filed IDS' have been considered by the Examiner and all PTO Forms 1449 have been returned with each item of art initialed. <input type="checkbox"/> If not, a petition to withdraw from issue and an FWC application with a request for consideration and return of all Forms 1449 are being filed.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Priority <input checked="" type="checkbox"/> NOT ELIGIBLE <input type="checkbox"/> Priority claim to benefit of filing date of an earlier filed U.S. or foreign application has been acknowledged
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Small Entity Status <input type="checkbox"/> Entitled <input checked="" type="checkbox"/> Not Entitled Determination of whether small entity standing must be made at time of paying the issue fee. If uncertain, info must be obtained from client or large fee must be paid.
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Formal Drawings <input checked="" type="checkbox"/> Previously filed <input type="checkbox"/> Being filed with Issue fee <input type="checkbox"/> Requested from draftsman
REQUIRED FILING ENCLOSURES			
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Caption (1) serial number & (2) filing date have been checked for accuracy against information in the file.
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Postcard (1) billing attorney initials, & (2) list of all papers being sent and the pages of each.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NOA Response (1) identifies mailing date of Notice, (2) lists all items being submitted, & (3) includes standard charges/credits statement, PLUS: <input checked="" type="checkbox"/> Part B: Part B of the PTO's copy of the Notice of Allowance is complete and correct <input checked="" type="checkbox"/> Firm Name: "Fish & Richardson P.C." is named as the firm to be printed on the patent <input checked="" type="checkbox"/> Change in Small Entity Status: If now a large entity, a large entity issue fee is being paid and the Response indicates the change in status
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Issue fee <input checked="" type="checkbox"/> CHECK <input type="checkbox"/> DEPOSIT ACCOUNT CHARGE, indicated on completed Part C of Notice of Allowance
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Mail Certificate (1) includes 1st Class mail certificate, & (2) is signed and dated
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Envelope Preprinted envelope or label is used, addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 MAIL STOP ISSUE FEE
TASKS AFTER ATTORNEY/AGENT CHECK			
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	File copies (1) are complete & (2) include all signatures and dates
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Manual Docket Billing secretary's manual docket entry is updated
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Database Update Copy of postcard sent to Patent Services
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Folder Update File copy, tab, and updated table of contents are filed in prosecution folder
Checked By: <u>[Signature]</u> Secretary <u>[Signature]</u> Attorney/Agent <u>[Signature]</u> Practice Systems <u>5/27</u> Date			

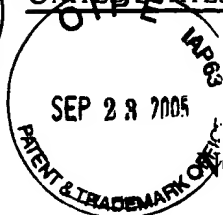


Attorney's Docket No. 00614-120001	Express Mail Label No.	Mailing Date May 27, 2004	For PTO Use Only <i>Do Not Mark in This Area</i>
Application No. 09/841,471	Filing Date April 24, 2001	Attorney/Secretary Init DLF/lja	
Title of the Invention COMPONENTS HAVING ACTIVELY CONTROLLED CIRCUIT ELEMENTS			
Applicant Patrizio Vinciarelli et al.			
Enclosures ·Check in the amount of \$1660.00 ·Response to Notice Of Allowance (2 page) ·Issue Fee Transmittal (Part B) with Request for Patent Copies			





UNITED STATES PATENT AND TRADEMARK OFFICE



UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

26161

7590

04/07/2004

FISH & RICHARDSON PC
225 FRANKLIN ST
BOSTON, MA 02110

EXAMINER

BENENSON, BORIS

ART UNIT

PAPER NUMBER

2836

DATE MAILED: 04/07/2004

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/841,471	04/24/2001	Patrizio Vinciarelli	00614-120001	4503

TITLE OF INVENTION: COMPONENTS HAVING ACTIVELY CONTROLLED CIRCUIT ELEMENTS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$300	\$1630	07/07/2004

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. **PROSECUTION ON THE MERITS IS CLOSED.** THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status is changed, pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above and notify the United States Patent and Trademark Office of the change in status, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check the box below and enclose the PUBLICATION FEE and 1/2 the ISSUE FEE shown above.

☐ Applicant claims SMALL ENTITY status.
See 37 CFR 1.27.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/841,471	04/24/2001	Patrizio Vinciarelli	00614-120001	4503

26161 7590 04/07/2004
FISH & RICHARDSON PC
225 FRANKLIN ST
BOSTON, MA 02110

EXAMINER

BENENSON, BORIS

ART UNIT

PAPER NUMBER

2836

DATE MAILED: 04/07/2004

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)
(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 376 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 376 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) system (<http://pair.uspto.gov>).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (703) 305-1383. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.